

Remarks

Claims 11-13 and 24-26 are canceled. Claims 1-10 and 14-23 are pending. Claims 1, 5, 14 and 18 are amended to more particularly point out and distinctly claim Applicant's invention..

The Examiner rejected Claims 1-4 and 14-17 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication 20050162306 ("Babitch"). The Examiner states:

Babitch et al (2005/0162306) disclose an integrated GPS/communication device for acquiring and tracking GPS signals wherein the device, See Figure 9, attempts to maintain frequency coherency with the received GPS signal so as to perform conventional GPS processing, i.e., acquisition of GPS signals and the subsequent determination of position using a plurality of pseudorange signals. Additionally, it is taught "Determining and estimating frequency changes over time and adjusting the local frequency source appropriately allows tracking over a longer period of time; enabling longer integration times to capture weaker signals without losing frequency coherence." The section "Reference Oscillator Frequency Correction" starting at [0083] describes the estimation of the clock signal acceleration, that is the rate of change of the frequency error, and the subsequent use in the positioning receiver.

Applicant respectfully traverses the Examiner's rejection. As amended, Claim 1 recites using a parametric model of phase values and the clock signal acceleration:

1. A method for a location determination, comprising:

Acquiring a first positioning signal;

Using a parametric model based on phase values of the first positioning signal and a clock signal acceleration to provide an estimate of a the clock signal acceleration;

Acquiring additional positioning signals based on the estimate of the clock signal acceleration; and

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Performing the location determination using the first positioning signal and the additional positioning signal.

Such a parametric model is believed not to be disclosed or suggested by Babitch.

Babitch teaches, at its paragraph [0094] for example, using a Kalman filter to determine a rate of change of frequency error. Thus, Claim 1 and dependent Claims 2-10 are each allowable over Babitch. Likewise, Claims 14-23 are each allowable over Babitch. Reconsideration of Claims 1-4 and 14-17 are therefore requested.

All pending claims (i.e., Claims 1-10 and 14-23) are believable. If the Examiner has any question regarding the above, the Examiner is respectfully requested to telephone the undersigned Attorney for Applicant at (408)-392-9250.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 10, 2006.

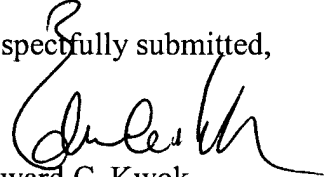


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4/10/2006

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